



Bruhat Bengaluru
Mahanagara Palike

**BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA
PROJECTS DIVISION**

***Name of Work :- Name of Work :- Restoration and Improvements of
Channamma and Narayanappa layout, Narayanagowda layout,
Basavalingappa layout and surrounding areas in ward no -03 of
Yelahanka New town Sub division***

(PACKAGE NO-11)

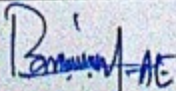
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"FIRST & PART BILL"

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Measurement Recorded On: 13-02-2022 to 17-02-2022.

Handwritten signature: *Dr. K. S. Srinivas*



CH: 60.00 to 90.00 m	1	30.00	5.30	+	5.80	0.40	66.60
				2			
CH: 90.00 to 112.00 m	1	22.00	5.80	+	5.80	0.40	51.04
				2			
4th Cross Road Channamma Narayanappa Layout From End							
CH: 00.00 to 30.00 m	1	30.00	6.00	+	5.60	0.40	69.60
				2			
CH: 30.00 to 60.00 m	1	30.00	5.60	+	5.00	0.40	63.60
				2			
CH: 60.00 to 90.00 m	1	30.00	5.00	+	5.85	0.40	65.10
				2			
CH: 90.00 to 122.50 m	1	22.00	5.85	+	5.85	0.40	51.48
				2			
5th Cross Road Channamma Narayanappa Layout From End							
CH: 00.00 to 30.00 m	1	30.00	4.00	+	4.10	0.40	48.60
				2			
CH: 30.00 to 60.00 m	1	30.00	4.10	+	4.40	0.40	51.00
				2			
CH: 60.00 to 83.00 m	1	23.00	4.60	+	4.60	0.40	42.32
				2			
Cross Road to 5th Cross Road Channamma Narayanappa Layout From End							
CH: 00.00 to 24.00 m	1	24.00	3.40	+	3.50	0.40	33.12
				2			
Seetharam Road							
CH: 00.00 to 30.00 m	1	30.00	5.10	+	5.70	0.40	64.80
				2			
CH: 30.00 to 60.00 m	1	30.00	5.70	+	5.50	0.40	67.20
				2			
CH: 60.00 to 90.00 m	1	30.00	5.50	+	5.60	0.40	66.60
				2			
CH: 90.00 to 92.00 m	1	2.00	5.60	+	5.60	0.40	4.48
				2			
Approach road to Seetharam Road							
Approach Road	1	5.00	5.00	+	5.00	0.40	10.00
				2			
Present Qty							8119.39 CUM

Heber
Contractor



R. B. Ramu
Assistant Engineer

Asst. Executive Engineer

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ಕಾರ್ಯದ ವಿವರಣೆ
ಅನುಮೋದನೆ
ಮಾಡಲಾಗಿದೆ.*
10.10.2018
ಶಿವಮೊಗ್ಗ ಜಿಲ್ಲಾ
ಪಂಚಾಯತ್, ಶಿವಮೊಗ್ಗ-108

CH: 60.00 to 90.00 m	1	30.00	5.00	+	5.85	159.00	
CH: 90.00 to 122.50 m	1	22.00	5.85	+	5.85	162.75	
5th Cross Road Channamma Narayanappa Layout From End			2			128.70	
CH: 00.00 to 30.00 m	1	30.00	4.00	+	4.10	121.50	
CH: 30.00 to 60.00 m	1	30.00	4.10	+	4.40	127.50	
CH: 60.00 to 83.00 m	1	23.00	4.60	+	4.60	105.80	
Cross Road to 5th Cross Road Channamma Narayanappa Layout From End			2				
CH: 00.00 to 24.00 m	1	24.00	3.40	+	3.50	82.80	
Seetharam Road			2				
CH: 00.00 to 30.00 m	1	30.00	5.10	+	5.70	162.00	
CH: 30.00 to 60.00 m	1	30.00	5.70	+	5.50	168.00	
CH: 60.00 to 90.00 m	1	30.00	5.50	+	5.60	166.50	
CH: 90.00 to 92.00 m	1	2.00	5.60	+	5.60	11.20	
Approach road to Seetharam Road			2				
Approach Road	1	5.00	5.00	+	5.00	25.00	
			2				
Present Qty						20298.47	Sqm

Helen Pae
Contractor



B. Srinivas
Assistant Engineer

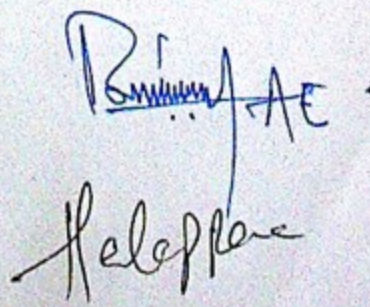
Asst. Executive Engineer

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Measurement Recorded On: 19-02-2022 @ 22-02-2022-

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Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On: 18-02-2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete ofg Mix 1:4:8 with opc @180kgs, with 40mm and down size graded granite metal coarse aggregates@0.85 cum and fine aggregates @0.57 cum machine mixed , machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per Specifications.						
			Previous Qunatity			0.00	
	Basavalingappa Layout						
	1st Main Road, 2nd Cross Road LHS, RHS Side						
	CH: 00.00 to 17.40 m	1	17.40	0.90	0.15	2.35	
	1st Main Road, 3rd Cross Road LHS, LHS Side						
	CH: 00.00 to 28.50 m	1	28.50	0.90	0.15	3.85	
	1st Main Road, 4th Cross Road LHS, RHS Side						
	CH: 12.50 to 30.50 m	1	18.00	0.90	0.15	2.43	
	1st Main Road, 4th Cross Road RHS, LHS Side						
	CH: 00.00 to 15.00 m	1	15.00	0.90	0.15	2.03	
	2nd Main Road, 4th Cross Road LHS, LHS Side						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 56.30 m	1	26.30	0.90	0.15	3.55	
	2nd Main Road, 2nd Cross Road LHS, LHS Side						
	CH: 00.00 to 23.00 m	1	23.00	0.90	0.15	3.11	
	Chennamma Narayanappa Layout						
	From Apartment Road to Kaveri Layout (Next to Drain)						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 83.00 m	1	23.00	0.90	0.15	3.11	
	1st Main Road Narayanagowda Layout From House Corner						
	CH: 00.00 to 30.00 m	1	30.00	0.90	0.15	4.05	
	CH: 30.00 to 60.00 m	1	30.00	0.90	0.15	4.05	
	CH: 60.00 to 63.00 m	1	3.00	0.90	0.15	0.41	
	Narayanagowda House Road						
	CH: 00.00 to 25.00 m	1	25.00	0.90	0.15	3.38	
	CH: 25.00 to 29.50 m	1	4.50	0.90	0.15	0.61	

CH
Kaveri
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H. P. R.



R. P. R.

CH: 29.50 to 59.50 m	2	30.00	0.90	0.15	8.10	✓
CH: 59.50 to 63.00 m	2	3.50	0.90	0.15	0.95	✓
Varun Provision Store Road						✓
CH: 00.00 to 30.00 m	2	30.00	0.90	0.15	8.10	✓
CH: 30.00 to 60.00 m	2	30.00	0.90	0.15	8.10	✓
CH: 60.00 to 80.00 m	2	20.00	0.90	0.15	5.40	✓
Drain Near Temple, Ashwatha Katte						✓
CH: 00.00 to 18.00m	1	18.00	0.90	0.15	2.43	✓
Culverts						✓
In front of Masjid, Basavalingappa Layout	1	5.50	1.20	0.15	0.99	✓
3rd Main Road, Near Park Basavalingappa Layout	1	8.20	1.20	0.15	1.48	✓
Road Approach to Police House Culvert	1	6.70	1.20	0.15	1.21	✓
In Front of Police House 1	1	5.60	1.20	0.15	1.01	✓
In Front of Police House 2	1	6.30	1.20	0.15	1.13	✓
1st Cross Road Narayanappa Layout RHS	1	6.40	1.20	0.15	1.15	✓
In Front of Om Shakthi Provision Store	1	5.00	1.20	0.15	0.90	✓
3rd Cross Road Channamma Narayanappa Layout	1	5.75	1.20	0.15	1.04	✓
4th Cross Road Channamma Narayanappa Layout	1	5.85	1.20	0.15	1.05	✓
5th Cross Road Channamma Narayanappa Layout	1	4.00	1.20	0.15	0.72	✓
Present Qty					88.80	Cum

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ಯಂತ್ರಣ ಕುಪನಗಳ ಸವಕಳಿಗಾಗಿ
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Haleppa
Contractor



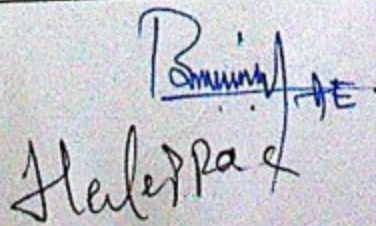
B
Assistant Engineer

Asst. Executive Engineer

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Measurement Recorded On: 17-02-2022.

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In front of Masjid, Basavalingappa Layout	1	5.50	1.20	0.90	5.94	
3rd Main Road, Near Park Basavalingappa Layout	1	8.20	1.20	0.90	8.86	
Road Approach to Police House Culvert	1	6.70	1.20	0.90	7.24	
In Front of Police House 1	1	5.60	1.20	0.90	6.05	
In Front of Police House 2	1	6.30	1.20	0.90	6.80	
1st Cross Road Narayanappa Layout RHS	1	6.40	1.20	0.90	6.91	
In Front of Om Shakthi Provision Store	1	5.00	1.20	0.90	5.40	
3rd Cross Road Channamma Narayanppa Layout	1	5.75	1.20	0.90	6.21	
4th Cross Road Channamma Narayanppa Layout	1	5.85	1.20	0.90	6.32	
5th Cross Road Channamma Narayanppa Layout	1	4.00	1.20	0.90	4.32	
Present Qty					763.79	Cum

Heleppae
Contractor

PMC

[Signature]
Assistant Engineer

Asst. Executive
Engineer



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CH: 30.00 to 60.00 m	1	30.00	6.75	+	6.25	0.20	39.00	✓
			2					
CH: 60.00 to 90.00 m	1	30.00	6.25	+	6.25	0.20	37.50	✓
			2					
CH: 90.00 to 120.00 m	1	30.00	6.25	+	6.00	0.20	36.75	✓
			2					
From Sandeep Unnikrishnan Road to Apartment Road								
CH: 00.00 to 28.50 m	1	28.50	5.20	+	4.85	0.20	28.64	✓
			2					
CH: 28.50 to 58.50 m	1	30.00	4.85	+	5.20	0.20	30.15	✓
			2					
CH: 58.50 to 88.50 m	1	30.00	5.20	+	4.80	0.20	30.00	✓
			2					
CH: 88.50 to 118.50 m	1	30.00	4.80	+	4.90	0.20	29.10	✓
			2					
CH: 118.50 to 148.50 m	1	30.00	4.90	+	4.35	0.20	27.75	✓
			2					
CH: 148.50 to 155.70 m	1	7.20	4.35	+	4.50	0.20	6.37	✓
			2					
From Apartment Road to Kaveri Layout (Next to Drain)								
CH: 00.00 to 30.00 m	1	30.00	4.60	+	5.80	0.20	31.20	✓
			2					
CH: 30.00 to 60.00 m	1	30.00	5.80	+	6.50	0.20	36.90	✓
			2					
CH: 60.00 to 83.00 m	1	23.00	6.50	+	6.70	0.20	30.36	✓
			2					
Policeman Road (Next to Kaveri Layout)								
CH: 00.00 to 30.00 m	1	30.00	7.10	+	6.70	0.20	41.40	✓
			2					
CH: 30.00 to 60.00 m	1	30.00	6.70	+	7.10	0.20	41.40	✓
			2					
CH: 60.00 to 90.00 m	1	30.00	7.10	+	7.10	0.20	42.60	✓
			2					
CH: 90.00 to 120.00 m	1	30.00	7.10	+	6.30	0.20	40.20	✓
			2					
CH: 120.00 to 130.50 m	1	10.50	6.30	+	7.30	0.20	14.28	✓
			2					
Road Parallel to Policeman Road								
CH: 00.00 to 30.00 m	1	30.00	5.60	+	5.45	0.20	33.15	✓
			2					
CH: 30.00 to 60.00 m	1	30.00	5.45	+	6.50	0.20	35.85	✓
			2					
CH: 60.00 to 90.00 m	1	30.00	6.50	+	6.30	0.20	38.40	✓
			2					
CH: 90.00 to 120.00 m	1	30.00	6.30	+	6.70	0.20	39.00	✓
			2					
CH: 120.00 to 150.0 m	1	30.00	6.70	+	6.65	0.20	40.05	✓
			2					
CH: 150.00 to 180.0 m	1	30.00	6.65	+	6.40	0.20	39.15	✓
			2					
CH: 180.00 to 2020.0 m	1	22.00	6.40	+	5.40	0.20	25.96	✓
			2					
1st Main Road Narayanagowda Layout								
CH: 00.00 to 30.00 m	1	30.00	6.65	+	6.25	0.20	38.70	✓
			2					
CH: 30.00 to 60.00 m	1	30.00	6.25	+	5.45	0.20	35.10	✓
			2					



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Bruhat Bengaluru
Mahanagara Palike

**BRUHAT BENGALURU MAHANAGARA PALIKE, YELAHANKA
PROJECTS DIVISION**

***Name of Work :- Name of Work :- Restoration and Improvements of
Channamma and Narayanappa layout, Narayanagowda layout,
Basavalingappa layout and surrounding areas in ward no -03 of
Yelahanka New town Sub division***

(PACKAGE NO-11)

MEASUREMENT SHEETS

"FIRST & PART BILL"

1st & Part Bill									
Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division (PACKAGE NO-11)									
Work Order No.: BBMP/EE/YNK.D/EPMT-08/W.O/119/2021-22					DATED:22-02-2022				
Job code:									
Est. cost: 100.00 lakhs									
Name Of contractor: Sri C. HALAPPA									
Measurements									
Item No	Discription of Item	Unit	No	Length h	Bread th	Dept h	Qty	Rate	Amount
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tipper, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specification MORTH Specification No.301 Loading and unloading with 10km lead.								
	Pre Measurements recorded in Vide page no								
	CUM								
	Previous Bill Quantity						0.00		
	Total present bill Quantity						8119.39		
	Schedule B Quantity						10299.30		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						8119.39	64.58	524345.17
2	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.								
	Pre Measurements recorded in Vide page no								
	SQM								
	Previous Bill Quantity						0.00		
	Total present bill Quantity						20298.47		
	Schedule B Quantity						34331.00		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						20298.47	6.42	130389.24
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision								
	Pre Measurements recorded in Vide page no								
	CUM								
	Previous Bill Quantity						0.00		
	Total present bill Quantity						3044.77		
	Schedule B Quantity						8584.50		
	Reserved Quantity						0.00		
	Quantity to be Claimed in this Bill						3044.77	2014.87	6134813.92



Signature of Sri C. Halappa

Signature of Sri C. Halappa
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 ಯಲಹಂಕರ ಉಪನಗರ, ಉಪವಿಭಾಗ,
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Signature of Sri C. Halappa

4	KSRRB M600-1. Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and 0.86cum and fine aggregate @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601 of MORTH V Revision and IS 456 Table-5, with OPC at 150 kg/cum and coarse aggregate 0.86 cum, fine aggregate 0.58 cum using concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver			
	Pre Measurements recorded in Vide page no (22) - (25)			
	CUM			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	1042.11		
	Schedule B Quantity	2503.80		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	1042.11	4101.90	4274639.41
6	KSRRB 4-1.6: Providing and laying in position Plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KRS 4.1, 4.2 Page No- 13, Item No-4.6. (PWD BCSR 2018-19)			
	Pre Measurements recorded in Vide page no (26) - (29)			
	CUM			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	73.60		
	Schedule B Quantity	75.90		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	73.60	6089.85	448236.99
7	KSRRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with opc @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85 cum and fine aggregates @0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per Specifications.			
	Pre Measurements recorded in Vide page no (30) - (31)			
	CUM			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	88.80		
	Schedule B Quantity	445.58		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	88.80	5675.99	504019.21
8	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.			
	Pre Measurements recorded in Vide page no (32) - (35)			
	CUM			
	Previous Bill Quantity	0.00		



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	Total present bill Quantity	763.79		
	Schedule B Quantity	3006.66		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	763.79	217.43	166073.00
9	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specifications. Wall and Bottom Thickness 15 cm			
	Pre Measurements recorded in Vide page no	26 - 28		
	CUM			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	209.57		
	Schedule B Quantity	853.17		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	209.57	7497.22	1571181.13
10	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. MORTH Specification No 1600 & 2200 TMT/Bars Fe 500			
	Pre Measurements recorded in Vide page no	39 - 41		
	MT			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	10.10		
	Schedule B Quantity	52.91		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	10.10	80948.07	817706.40
15	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications			
	Pre Measurements recorded in Vide page no	42 - 44		
	CUM			
	Previous Bill Quantity	0.00		
	Total present bill Quantity	1601.01		
	Schedule B Quantity	3527.80		
	Reserved Quantity	0.00		
	Quantity to be Claimed in this Bill	1601.01	2021.29	3236119.08

Heleppae
Contractor



Assistant Engineer

Asst. Executive Engineer,

B. Kumar
AE

Kavin
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಹಿ.ಜಿ.ಎಂ.ಸಿ. ಬೆಂಗಳೂರು-108

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no -03 of Yelahanka New town Sub division
(PACKAGE NO-11)

48

Detailed Measurements

Measurement Recorded On: 24-03-2022

Item No	Description of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (sreel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Speration the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift charges etc., complete as per specifications. with OPC AT 360 kg/cum and coarse aggregate 0.69, fine aggregate 0.46 cum.								
	Basavalingappa Layout								
	1st Main 1st Cross Road RHS								
	CH: 00.00 to 29.90 m	1	29.90	4.55	+	4.30	0.15	19.85	
				2					
	Deduct Light Poles	-2	0.20	0.10	+	0.10	0.15	-0.01	
				2					
	Deduct Tree	-1	0.30	0.30	+	0.30	0.15	-0.01	
				2					
	1st Main 1st Cross Road LHS								
	CH: 00.00 to 17.00 m	1	17.00	5.10	+	3.45	0.15	10.90	
				2					
	CH: 17.00 to 44.00 m	1	27.00	3.10	+	2.10	0.15	10.53	
				2					
	1st Main 2nd Cross Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	4.20	+	3.55	0.15	17.44	
				2					
	CH: 30.00 to 31.80 m	1	1.80	3.55	+	3.55	0.15	0.96	
				2					
	1st Main 2nd Cross Road LHS								
	CH: 00.00 to 30.00 m	1	30.00	3.65	+	3.65	0.15	16.43	
				2					
	CH: 30.00 to 46.00 m	1	16.00	3.65	+	3.90	0.15	9.06	
				2					
	Deduct .75 Ø Man Hole Chamber Cover (Area =	-2	0.44	0.00	+	0.00	0.15	-0.13	
				2					
	1st Main 3rd Cross Road RHS								
	CH: 00.00 to 30.00 m	1	30.00	4.50	+	3.90	0.15	18.90	
				2					
	CH: 30.00 to 33.00 m	1	3.00	3.90	+	3.90	0.15	1.76	
				2					
	Deduct .75 Ø Man Hole Chamber Cover (Area =	-1	0.44	0.00	+	0.00	0.15	-0.07	
				2					
	1st Main 3rd Cross Road LHS								
	CH: 00.00 to 30.00 m	1	30.00	3.90	+	3.85	0.15	17.44	
				2					



Handwritten signature and initials.

Handwritten notes in Kannada script, including '106' and other details.

CH: 30.00 to 52.00 m	1	22.00	3.85	+	3.55	0.15	12.21
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = 1st Main 4th Cross Road RHS)	-2	0.44	0.00	+	0.00	0.15	-0.13
				2			
CH: 00.00 to 30.00 m	1	30.00	3.95	+	3.65	0.15	17.10
				2			
CH: 30.00 to 41.00 m	1	11.00	3.65	+	3.55	0.15	5.94
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = 1st Main 4th Cross Road LHS)	-2	0.44	0.00	+	0.00	0.15	-0.13
				2			
Deduct .75 Ø Tree (Area = 44Sqm)	-1	0.44	0.00	+	0.00	0.15	-0.07
				2			
CH: 00.00 to 30.00 m	1	30.00	3.65	+	3.65	0.15	16.43
				2			
CH: 30.00 to 57.75 m	1	27.75	3.65	+	3.90	0.15	15.71
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = 1st Main 5th Cross Road RHS)	-2	0.44	0.00	+	0.00	0.15	-0.13
				2			
CH: 00.00 to 30.00 m	1	30.00	3.80	+	3.65	0.15	16.76
				2			
CH: 30.00 to 47.50 m	1	17.50	3.65	+	3.50	0.15	9.38
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = Masjid Road From End RHS)	-3	0.44	0.00	+	0.00	0.15	-0.20
				2			
CH: 00.00 to 30.00 m	1	30.00	4.20	+	3.95	0.15	18.34
				2			
CH: 30.00 to 55.00 m	1	25.00	3.95	+	3.85	0.15	14.63
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = Masjid Road LHS to Masjid)	-2	0.44	0.00	+	0.00	0.15	-0.13
				2			
Deduct .75 Ø Tree (Area = 44Sqm)	-1	0.44	0.00	+	0.00	0.15	-0.07
				2			
CH: 00.00 to 30.00 m	1	30.00	3.85	+	4.00	0.15	17.66
				2			
CH: 30.00 to 60.00 m	1	30.00	4.00	+	4.25	0.15	18.56
				2			
CH: 30.00 to 83.90 m	1	23.90	4.25	+	4.25	0.15	15.24
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = Park Road LHS Side From 3rd Main Road)	-2	0.44	0.00	+	0.00	0.15	-0.13
				2			
CH: 00.00 to 30.00 m	1	30.00	4.90	+	3.30	0.15	18.45
				2			
CH: 30.00 to 60.00 m	1	30.00	3.30	+	3.60	0.15	15.53
				2			
CH: 30.00 to 81.60 m	1	21.60	3.60	+	4.20	0.15	12.64
				2			
Deduct .75 Ø Man Hole Chamber Cover (Area = In Front Of Temple)	-3	0.44	0.00	+	0.00	0.15	-0.20
				2			
CH: 00.00 to 13.00 m	1	13.00	5.80	+	9.50	0.15	14.92
				2			
Next to Temple Road							
CH: 00.00 to 30.00 m	1	30.00	3.95	+	3.90	0.15	17.66
				2			



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Handwritten notes in Kannada:
 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕರ ಕಛೇರಿ
 ಮುಖ್ಯಕರ ಕಛೇರಿ
 ದಿ. 10.06.2016

CH: 29.50 to 59.50 m	1	30.00	3.20	+	3.50	0.15	15.08				
			2								
CH: 59.50 to 63.00 m	1	3.50	3.50	+	3.90	0.15	1.94				
			2								
Previous Bill Quantity							0.00				
Total present bill Quantity							1042.11				
Schedule B Quantity							2503.80				
Reserved Quantity							0.00				
Quantity to be Claimed in this Bill							1042.11				

Heleppae
Contractor



Ban...
Assistant Engineer

Asst. Executive
Engineer

52

Handwritten notes in Kannada:
ಕಾರ್ಯದಾತರ ಅನುಮೋದನೆ.
ಅನುಮೋದನೆ-108
ಯಂತ್ರ. ಕುಲ. 5690.45 / 5930293.97
ಇ.ದ.ಎಂ.ಪಿ. ಕೆ.ಎಂ.ಎಂ.ಎಂ.

Name of Work :- Restoration and Improvements of Channamma and Narayanappa layout, Narayanagowda layout, Basavalingappa layout and surrounding areas in ward no-03 of Yelahanka New town Sub division (PACKAGE NO-11)

Detailed Measurements

Measurement Recorded On: 04-03-2022

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
11	Providing and Fixing pre cast covering Slab of 100mm thick made out of CC jelly 20mm and down size with steel reinforcement , including form work, lift charges, curing including cost of all materials ,Labour,Hire charges of machineries,loading onloading,lead and lift,Transportation etc,complete. as per Engineer in-charge.								
	Basavalingappa Layout								
	1st Main Road, 2nd Cross Road LHS, RHS Side								
	CH: 00.00 to 17.40 m	1	17.40	0.90				15.66	
	1st Main Road, 3rd Cross Road LHS, LHS Side								
	CH: 00.00 to 28.50 m	1	28.50	0.90				25.65	
	1st Main Road, 4th Cross Road LHS, RHS Side								
	CH: 12.50 to 30.50 m	1	18.00	0.90				16.20	
	1st Main Road, 4th Cross Road RHS, LHS Side								
	CH: 00.00 to 15.00 m	1	15.00	0.90				13.50	
	2nd Main Road, 4th Cross Road LHS, LHS Side								
	CH: 00.00 to 30.00 m	1	30.00	0.90				27.00	
	CH: 30.00 to 56.30 m	1	26.30	0.90				23.67	
	2nd Main Road, 2nd Cross Road LHS, LHS Side								
	CH: 00.00 to 23.00 m	1	23.00	0.90				20.70	
	Chennamma Narayanappa Layout								
	From Apartment Road to Kaveri Layout (Next to Drain)								
	CH: 00.00 to 30.00 m	1	30.00	0.90				27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90				27.00	
	CH: 60.00 to 83.00 m	1	23.00	0.90				20.70	
	1st Main Road Narayanagowda Layout From House Corner								
	CH: 00.00 to 30.00 m	1	30.00	0.90				27.00	
	CH: 30.00 to 60.00 m	1	30.00	0.90				27.00	
	CH: 60.00 to 63.00 m	1	3.00	0.90				2.70	
	Narayanagowda House Road								
	CH: 00.00 to 25.00 m	1	25.00	0.90				22.50	
	CH: 25.00 to 29.50 m	1	4.50	0.90				4.05	
	CH: 29.50 to 59.50 m	1	30.00	0.90				54.00	
	CH: 59.50 to 63.00 m	2	3.50	0.90				6.30	
	Varun Provision Store Road								
	CH: 00.00 to 30.00 m	2	30.00	0.90				54.00	
	CH: 30.00 to 60.00 m	2	30.00	0.90				54.00	
	CH: 60.00 to 80.00 m	2	20.00	0.90				36.00	

Handwritten notes in Kannada script, including a signature and date.



Handwritten signature and initials 'AE'.

Handwritten signature 'Harappa'.

54

Drain Near Temple, Ashwatha									
Katte									
CH. 00.00 to 18.00m	1	18.00	0.90		16.20				
Previous Bill Quantity					0.00				
Total present bill Quantity					520.83				
Schedule B Quantity					2191.50				
Reserved Quantity					0.00				
Quantity to be Claimed in this Bill					520.83	SOM	1941.22	1011045.61	

Handwritten notes in blue ink:
SOM
1941.22
1011045.61
and multiple other scribbles and numbers.

Hale Prasanna
Contractor



Assistant Engineer

Asst. Executive Engineer